

AP10 Rec'd PCT/PTO 19 DEC 2005

RECEIVED
CENTRAL FAX CENTER

DEC 19 2005

LEVINE & MANDELBAUM
ATTORNEYS AT LAW
444 MADISON AVENUE
35TH FLOOR
NEW YORK, N.Y. 10022

ALAN H. LEVINE
alan.levine@levman.com

HOWARD F. MANDELBAUM
howard.mandelbaum@levman.com

INTELLECTUAL PROPERTY

TELEPHONE: 212-588-9800

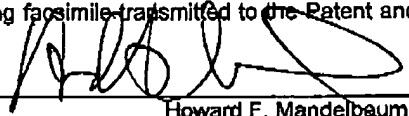
FAX: 212-588-0780

email: mail@levman.com

CERTIFICATE OF TRANSMITTAL VIA FACSIMILE

I hereby certify that this paper is being facsimile-transmitted to the Patent and Trademark Office on the date shown below.

Dated: December 19, 2005


Howard F. Mandelbaum

BY FAX NO. 1-571-273-8300 - 11 Pages


Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 10/522,332
Method for Making a Tool for Forming a Material and Tool
Obtainable by said Method
Chapuis, Philippe
Our Ref: MART0860US

Sir:

Transmitted herewith for filing are an Information Disclosure Statement with form PTO/SB/08A, and 1 cited reference.

Respectfully submitted,


Howard F. Mandelbaum
Reg. No. 27,519

HFM/mic
enc.

RECEIVED
CENTRAL FAX CENTER
DEC 19 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Chapuis, Philippe

For: Method for Making a Tool for Forming a Material and Tool
Obtainable by said Method

Serial No.: 10/522,332

Attorney Docket No.: MART0860US

I hereby certify that this paper is being facsimile transmitted to the
Patent and Trademark Office on the date shown below.

Howard F. Mandelbaum

Dated: December 19, 2005.

Levine & Mandelbaum
444 Madison Avenue, 35th Floor
New York, N.Y. 10022
(212) 588-9800

December 19, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Applicant wishes to call to the attention of the Examiner, as prior art cited in a corresponding foreign application, U.S. Patent No. 3,577,753 +to Shah for a Method and Apparatus for Forming Thin-Walled Cylindrical Articles. A copy of the reference is submitted herewith as is a completed form PTO-1449.

Applicant's invention teaches and claims a method for making a tool, and a tool made by the method. The tool has a face which is complementary to an object which is to be stamped or molded by the tool. The face is made up of several "tool slices" which are bonded to form the tool. Also formed within Applicant's tool is a circuit

for conducting a heat transfer fluid for cooling or heating the tool.

Independent claim 1 of the instant application requires

said method including designing a contour of the tool to be produced, which has a projected forming face having said complementary shape, and devising, on the inside of said projected contour, according to said complementary shape, a projected circuit for the circulation of a heat-transfer fluid inside the tool to be produced,

.

c: juxtaposing the tool slices via their mating faces and mutually fastening them in a relative position in which the useful faces or said blanks, the passages and the grooves are complementary from one slice to the other slice in order to constitute, respectively, the forming face or a forming face blank. . .

Independent claim 9 of the instant application recites

A tool intended for the forming of a material, in particular by hot drawing or injection molding, for the purpose of making an object of defined shape therefrom, said tool having for this purpose a forming face of shape complementary to at least one portion of said defined shape. . .

said tool comprising a bonded assembly of tool slices mutually juxtaposed by mating faces. . .

Shah discloses a forming tool including a several stacked dies, namely redraw die 16 and ironing dies 17. If the dies 16 and 17 are considered to be "tool slices" they do not anticipate any of the claims of the present invention, or render them obvious, as the dies 16 and 17 are separate, individual tools through which a flat

blank is drawn and ironed successively by means of a punch 12, in order to undergo successive shapings. Unlike Applicant's tool which operates on the object to be formed in a single operation, the dies 16 and 17 sequentially form the object as it is pressed through them, one at a time. Nor do the dies 16 and 17 provide a tool having "a forming face" of shape complementary to at least one portion of a defined shape which should be given to an object formed by means of the tool.

Moreover, the redraw die 16 and ironing dies 17 disclosed by Shah are not complementary to one another, i.e., they do not have "mating faces" as required by claims 1 and 9, the only independent claims in the application.

Also, each redraw die 16 and ironing die 17 is an individual tool. Each is made of one piece and does not incorporate any circuit for circulating a heat transfer fluid inside it as disclosed and claimed by Applicant. Circulation of a heat transfer fluid takes place in Shah's punch 12 through punch adapter 28, punch body 29 and O-ring 30. These components are not tool slices as defined by Applicant. Punch body 29 is made in a single piece and, therefore, does not meet the recitations of claims 1 and 9 which refer to a tool made from "slices". The punch adapter 28 and O-ring 30 are not tool slices.

From the foregoing it is seen that the cited reference does not affect the patentability of the claims in the instant application.

Respectfully Submitted,



Howard F. Mandelbaum
Registration No. 27,519
Attorney for Applicant

HFM:cnt
enc.

PTQ/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/522,332
--------------------	------------

Filing Date

First Named Inventor	Chapuis
----------------------	---------

Art Unit

Examiner Name _____

Attorney Docket Number	MART0860US
------------------------	------------

Sheet	1	of	1
-------	---	----	---

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.